

ky=0.864,ind=96,f1=1.149kHz,f2=4.813kHz,LfE=2,HfE=2

$T1=870.02\mu s, T2=207.77\mu s$

$f_1 = 1.15kHz * (1 \pm 5.952e - 02), f_2 = 4.81kHz * (1 \pm 1.128e - 01)$

$\tau_1=901.37\mu s*(1 \pm 1.146e-01), \tau_2=80.16\mu s*(1 \pm 1.008e-01)$

$a_1=0.05*(1 \pm 1.539e-01), a_2=0.21*(1 \pm 8.689e-02)$

$s_0=0.08*(1 \pm 2.558e-01), t_0=1353.41*(1 \pm 2.774e-01), a_0=0.18*(1 \pm 6.072e-02)$

$\varphi_1=0.08\pi*(1 \pm 1.025e+00), \varphi_2=-0.04\pi*(1 \pm 1.319e+00)$

s

0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0

0

250

500

750

1000

1250

1500

1750

2000

t/ μs

$$S = a_1 e^{-t^2/\tau_1^2} \cos(2\pi f_1 t + \varphi_1) + a_2 e^{-t^2/\tau_2^2} \cos(2\pi f_2 t + \varphi_2) + a_0 e^{-t/\tau_0} + s_0$$

